## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent A	pplication of:							
Jae-seong SHIM et al.								
Application No	o.: 10/791,268	Group Art Unit: 2652						
Filed: March	3, 2004	Examiner: Shelly A. Chase						
	For: DATA MODULATION METHOD AND APPARATUS CAPABLE OF SUPPRESSING COMPONENT USING PARITY INFORMATION OF SYNCHRONIZATION CODE							
	INFORMATION DISCLO	SURE STATEMENT						
Commissione PO Box 1450 Alexandria, V	r for Patents A 22313-1450							
Sir:								
In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.								
1. Enclos	1. Enclosures accompanying this Information Disclosure Statement are:							
<ul> <li>List Of References Cited By Applicant (ATTACHMENT 1(a), hereto).</li> <li>Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.</li> <li>English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.</li> <li>English language translation (Abstract Only) attached to non-English language publications as indicated on the attached List Of References Cit By Applicant.</li> <li>Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) fo providing a concise explanation of non-English publications.</li> <li>List of Copending Applications (ATTACHMENT 1(f), hereto).</li> <li>List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).</li> </ul>								
2. X This	Information Disclosure Statement is t	îled under 37 CFR § 1.97(b):						

(Check either Item 2a or 2b or 2c or 2d)
Within three months of the filing date of a national application;

Before the mailing of a first Office Action on the merits; or

§ 1.491 in an international application.

Continued Examination under § 1.114.

Within three months of the date of entry of the national stage as set forth in

Before the mailing of a first Office Action after the filing of a Request for

2a. 🔲

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3.	This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise closes prosecution in the application, AND							
		(Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)						
	3a.	The § 1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 CFR § 1.17(p) is:  ☐ enclosed.						
		to be charged to Deposit Account No. 503333.						
4.		mation Disclosure Statement is filed under 37 CFR § 1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND  The § 1.97(e) Statement in Item 5 below is applicable; AND  The \$180.00 fee set forth in 37 CFR § 1.17(p) is:  enclosed.						
		to be charged to Deposit Account No. 503333.						
5.	Statement under § 1.97(e) (applicable if Item 3a or Item 4a is checked)  (Check either Item 5a or 5b)							
	5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this						
	5b. 🗌	Information Disclosure Statement. In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.						
6.	This is a continuation/divisional/continuation-in-part application under 37 CFR § 1.53(b).							
		(Check appropriate Items 6a and/or 6b)						
	6a. 🗌	Copies of the publications listed on the attached List Of References Cited By Applicant which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).						
	6b. 🗌	Copies of the publications listed on the attached List Of References Cited By Applicant which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.						

Application No.: 10/791,268 This is a Request for Continued Examination under 37 CFR § 1.114. 7. (Check either Item 7a or 7b) The Issue Fee has not been paid. 7a. 7b. □ A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A Request for Continued Examination under 37 CFR § 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.114(a), respectively. This is a Supplemental Information Disclosure Statement. 8. (Check either Item 8a or 8b) This Supplemental Information Disclosure Statement under 37 CFR § 8a. 🗍 1.97(f) supplements the Information Disclosure Statement filed on . A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on \_\_\_. This Supplemental Information Disclosure Statement is timely filed within 8b. one (1) month of the Notice under 37 CFR §§ 1.97 and 1.98, mailed 9. In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is: (Check appropriate Items 9a, 9b, 9c and/or 9d) satisfied for the non-English language publication(s) cited on the enclosed 9a. □ "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609.04(a)(III), Minimum Requirements for an Information Disclosure Statement: Concise Explanation of Relevance, 8th Ed., Rev. 5) set forth in the application. 9b. satisfied for the non-English language publication(s) indicated on the 9c.  $\Box$ attached List Of References Cited By Applicant as having an English language translation (Abstract Only) attached thereto. 9d. □ enclosed as Attachment 1(e), hereto.

10. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

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11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 503333.

Respectfully submitted,

STEIN, MCEWEN & BUI, LLP

Dated: 4/1/1/0 / 1400 Eye St., N.W.

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Washington, D.C. 20005 Telephone: (202) 216-9505 Facsimile: (202) 216-9510 By:

Michael D. Stein Registration No. 37,240

Sheet 1 of	1								AII	ACH	MENI	1(a)
	OMMERCE	ATTORNEY DOCKET NO.				APPLICATION NO.						
		RK OFFICE	1793.1211				10/791,268					
LIST OF	DEE	LICANIT	FIRST NAMED INVENTOR									
LISTOF	KEL	ERENCES CIT	LICANI	Jae-Seong Shilivi et al.								
(Use several sheets if necessary)						FILING DATE March 3, 2004			GROUP ART UNIT			
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U.S. PATENT DOCUMENTS												
*EXAMINER		DOCUMENT								SUB-		ING
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	AD	EP 1 274 172 A2	01/200	3	Europe		YES					
	AE	EP 0 771 078 A2	05/199	7	Europe							
	AF	EP 0 763 918 A2	03/199	7	Europe							
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OTHER RE	FFRFN	ICES (Including Au	ıthor. Tit	le. Dat	te. Pertinent	t Pages, Etc	:.)			TR	ANSLA	ATION
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)  TRANSLATION YES NO												
Search Report issued on February 21, 2007 by the European Patent												
	Office for European Patent Application No. 04251274.9											
	A 1	Kunsia. "Runlength Control Based on Guided Scrambling for Digital										
AJ Magnetic Recording" IEICE Transactions on Electronics, Electronics Society, Tokyo, JP, vol. E82-C, no. 12, December 1999, pages 2209-2217												
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.